

FIGURE 1

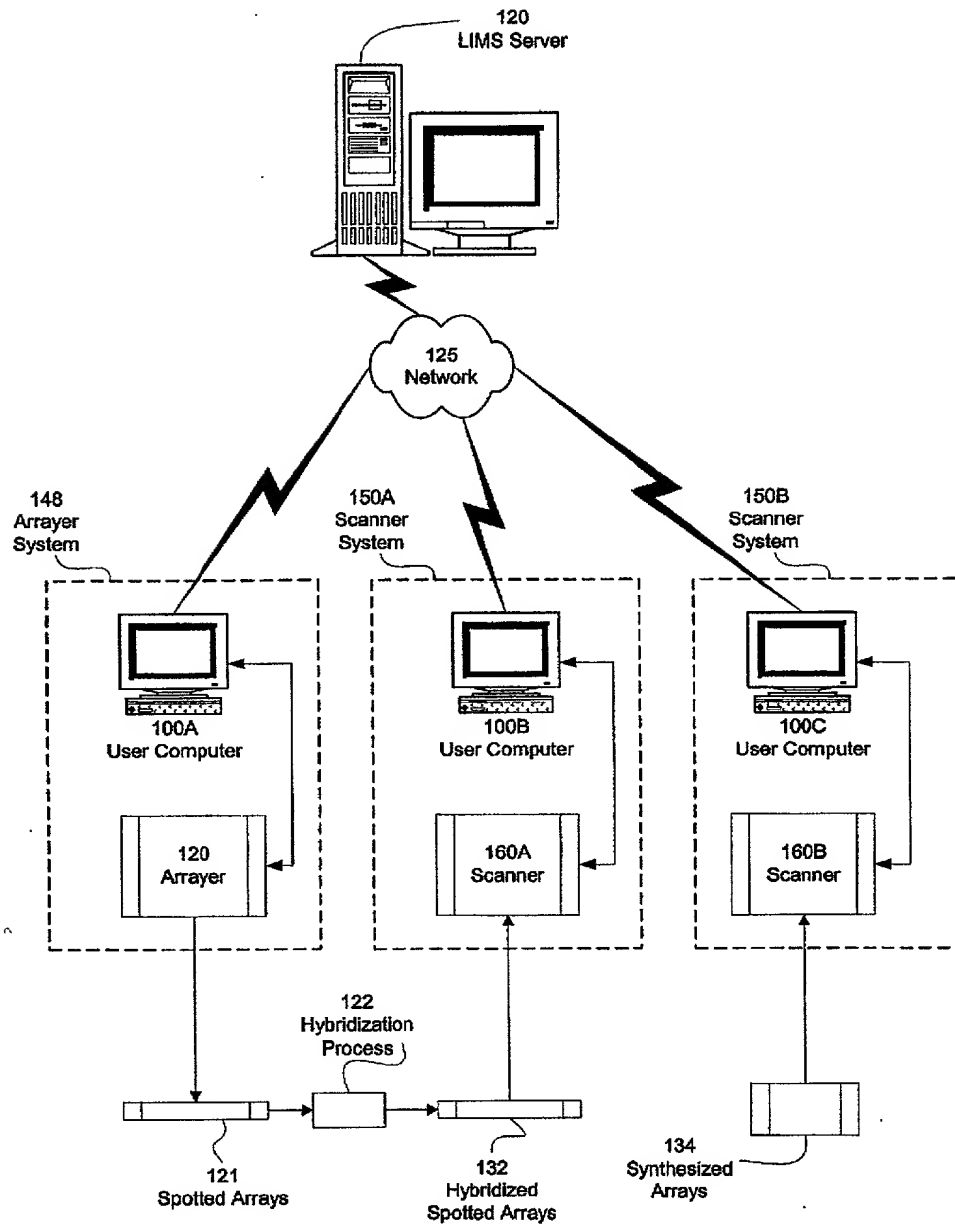
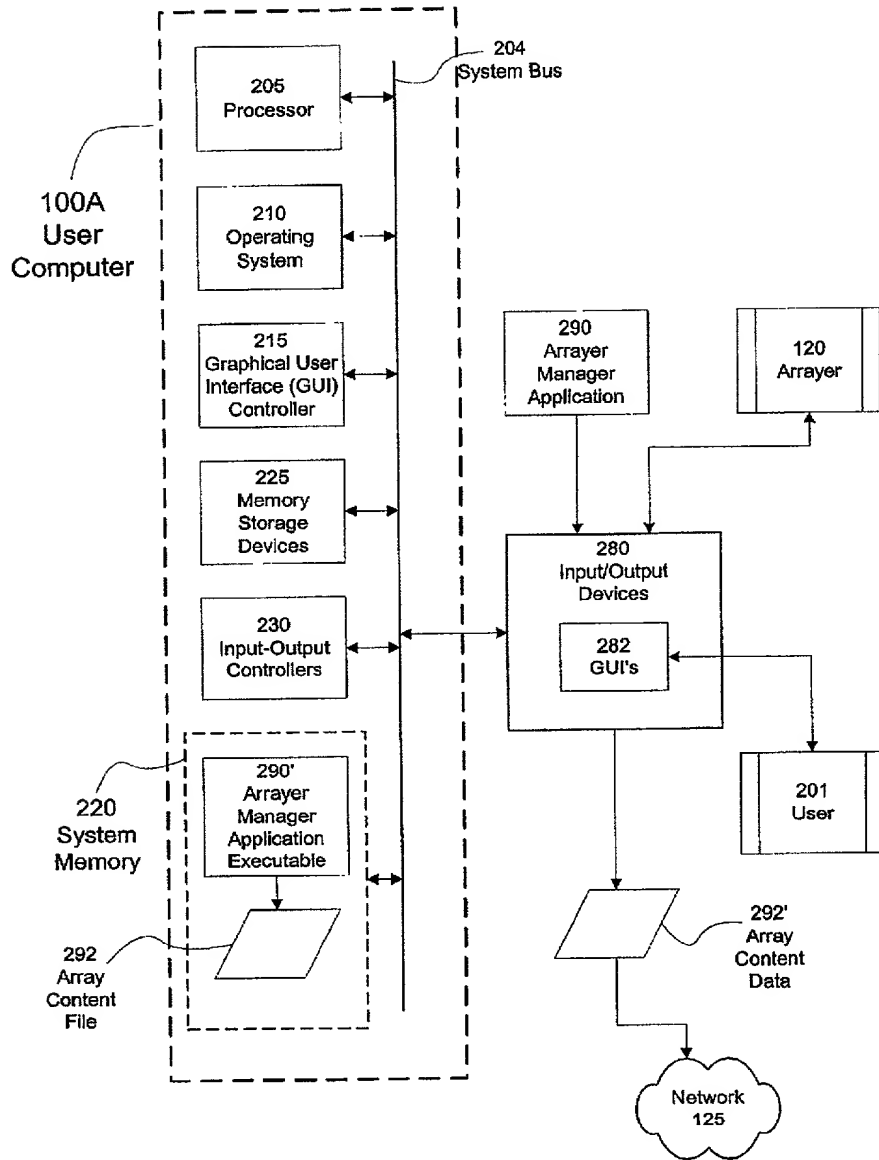


FIGURE 2



301N Probe Record

302N Probe Identifier

304N Probe X-Coordinate Identifier(s)

306N Probe Y-Coordinate Identifier(s)

308N Probe Data

310N Probe Data Links

312N Pin Identifier

314N Well Plate Identifier

316N Well Identifier

320N User-Supplied

302A Probe Identifier(s)

304A Probe X-Coordinate Identifier(s)

306A Probe Y-Coordinate Identifier(s)

308A Probe Data

310A Probe Data Links

312A Pin Identifier

314A Well Plate Identifier

316A Well Identifier

320A User-Supplied Data

301A Probe Record

292 Array Content File

FIGURE 3A

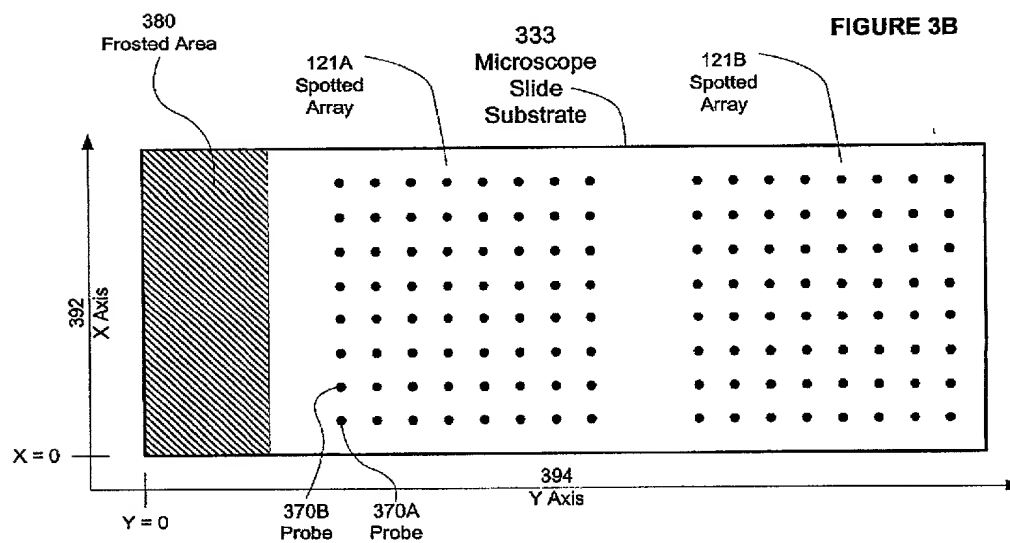
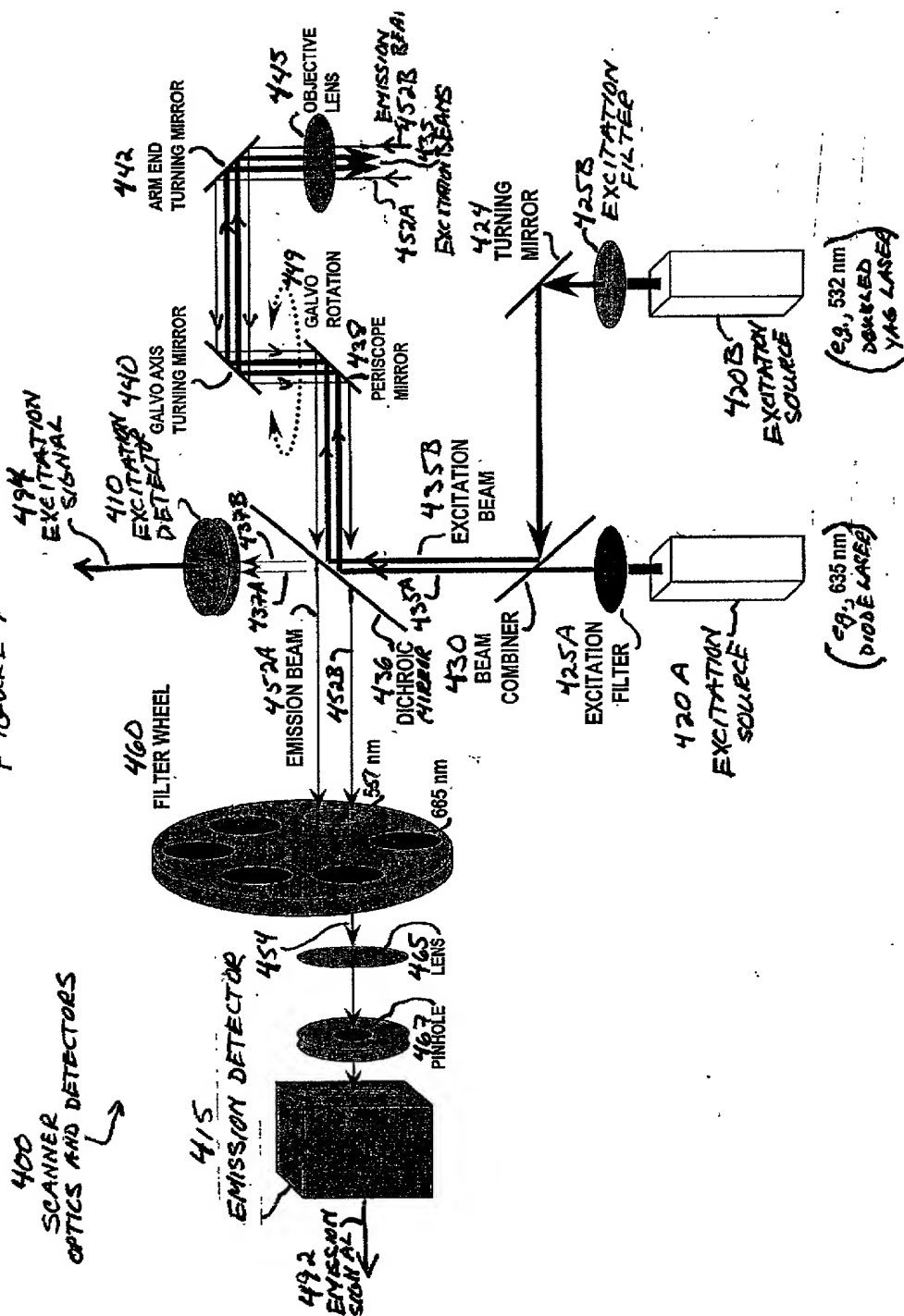
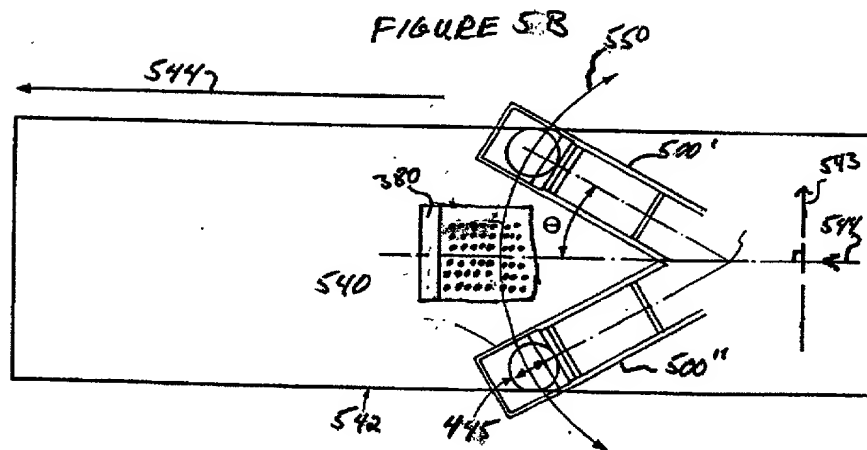
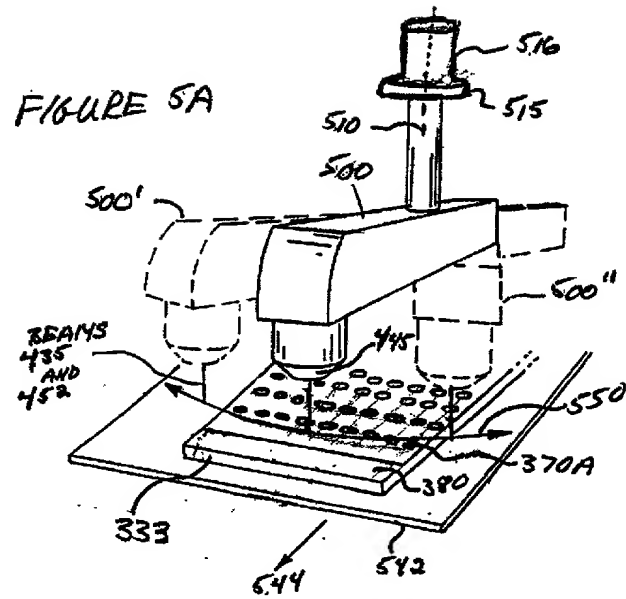


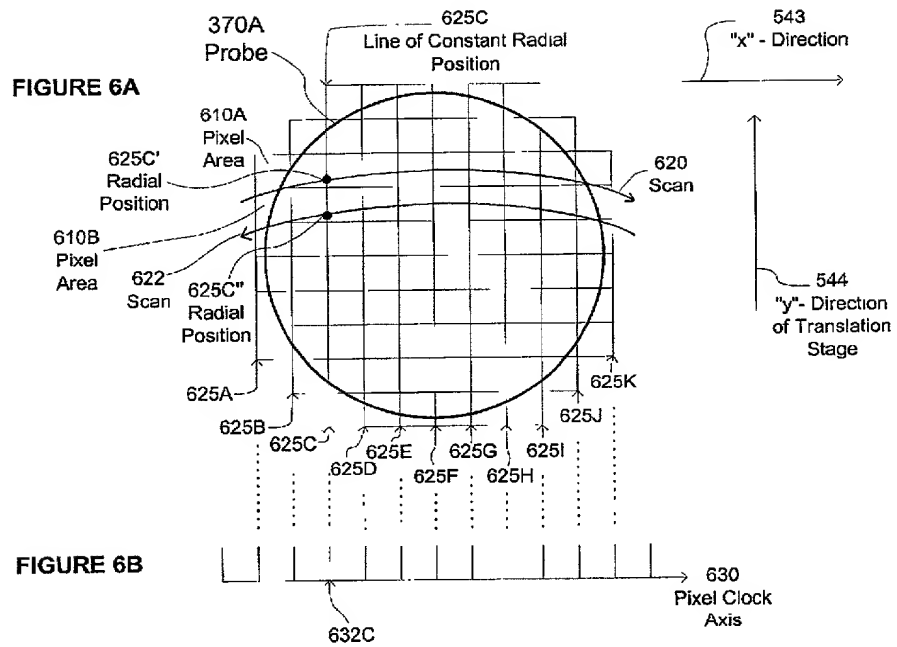
FIGURE 4

400
SCANNER
OPTICS AND DETECTORS





000004-0200960



704 705 710 715 725 730 740 790 792 794 796 701 780 782 790 160A 132 292' 125

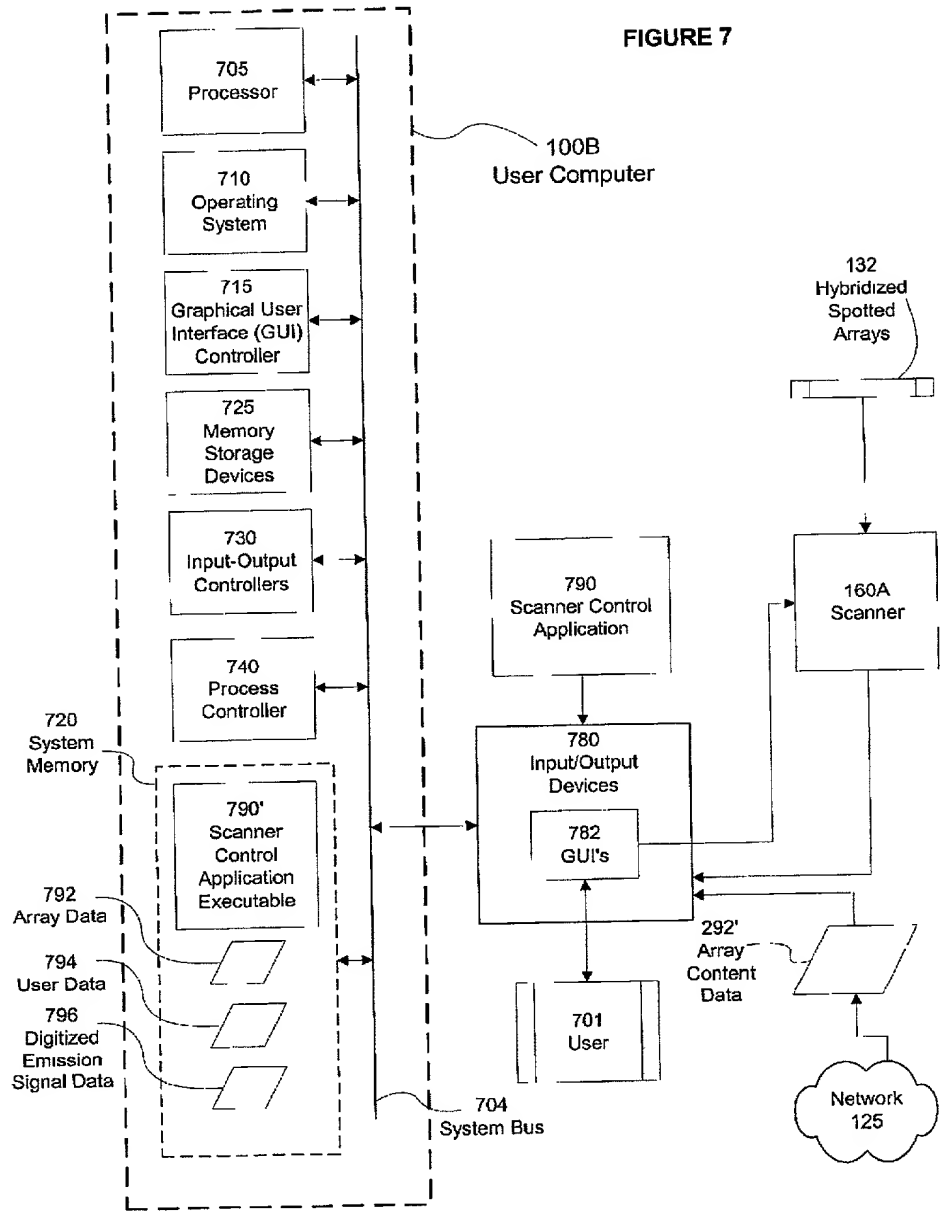


FIGURE 8

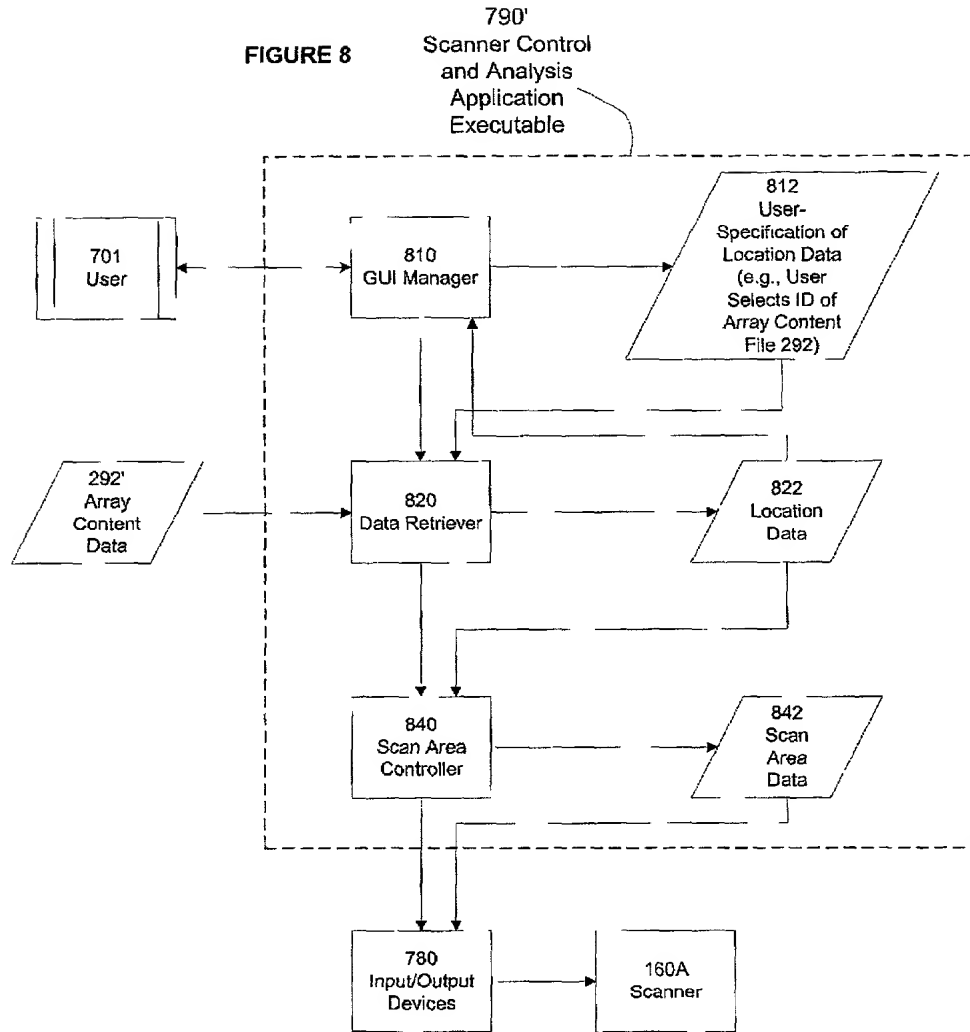


FIGURE 9

782A
GUI

782A GUI

915

920

910

940A

940B

940C

940D

940E

932

930

940F

Jaguar 2.0 - [Experiments]

File Edit View Run Tools Window Help

Open Save Print Type Shorts Status Help

Expose Scan Stop Elect Focus Gain

Data Files

- Experiments
- Image
- Spot
- ART
- CSV
- MegaArray-Test
- ResGen Pattern

Data File Location: C:\Program Files\Affymetrix\Jaguar 2.0\data

Experiment Name: plysine-test

Operator Name: Scanner User

Company Name: company name

Array Type: array type

Description: experiment description

ART/CSV File: Edit ResGen Pattern - Plysine.csv

Number of Scans: 2 Substrate: Glass

Scan 1 | Scan 2

Dye Name: CY3

Gain: 40 db

Laser: Green (532nm)

Filter: FN570-10

Scan Area

X: 19.5 mm

Y: 22 mm

Width: 19.5 mm

Height: 21 mm

FIGURE 10

782B
GUI

The screenshot shows a 'Scanner' window with the following fields and controls:

- Data File Location:** c:\program files\affymetrix\aguar 2.0\data
- Experiment Name:** plysine-test
- ☐ Include Scanned Experiments
- Scan 1 | Scan 2 |** (tabbed interface)
- Dye:** CY3
- Laser:** 2 Green (532nm)
- Filter:** 2 FM570-10
- Gain:** ☐ Auto 40 db
- Scan Area:**
 - X: 1.5 mm
 - Y: 22 mm
 - Width: 19.5 mm
 - Height: 21 mm
 - ☒ Use for All Scans
- Substrate:** Glass
- Line Average:** 1
- Preview Resolution:** 20 μ
- Est Time:** 1:10
- Resolution:** 1950 x 2100 pixels
- Size:** 7.8 MByte
- Buttons:** Start Preview, Start Scan, Cancel
- Use ROI:** (checkbox)

Handwritten labels and arrows:

- 1040 points to Data File Location
- 1020 points to Experiment Name
- 1022 points to Scan Area X
- 1024 points to Scan Area Y
- 1026 points to Scan Area Width
- 1028 points to Scan Area Height
- 1012 points to the grid area in the Scan Area section
- 1010 points to the 'Use for All Scans' checkbox
- 1050 points to the Start Scan button

000004.0710

FIGURE 11

